

## DOE Solid-State Lighting Portfolio



# Competition Recognizes Innovative, Energy-Efficient Residential Lighting Design

Lighting for Tomorrow encourages technical innovation and recognizes and promotes excellence in the design of energy-efficient residential lighting fixtures. Organized by the American Lighting Association, the U.S. Department of Energy, and the Consortium for Energy Efficiency, the design competition stimulates the market for attractive, energy-efficient residential lighting fixtures that use a fraction of the electricity of standard incandescent fixtures.

By encouraging manufacturers to develop the next generation of innovative, attractive – and energy-efficient – residential lighting fixtures, Lighting for Tomorrow increases market acceptance and awareness of the growing opportunities in energy-efficient lighting. The competition focus extends to marketing, promotion, and sales through primary distribution channels for both new construction and renovation markets. More than two dozen energy efficiency organizations in the U.S. and Canada pledge their support to the competition each year.

## 2007 Solid-State Lighting Winners

Lighting for Tomorrow was launched in 2002, with an initial focus on CFL fixtures. In 2006, a category for solid-state lighting was added, attracting 30 entrants. In 2007, two dozen companies submitted 45 solid-state lighting entries. Grand Prize Winner LED Lighting Fixtures Inc. (LLF) from North Carolina utilized LEDs in an innovative downlight that scored high marks for light output and color quality, with luminaire efficacy exceeding even the most efficient fluorescent downlights available today. California-based Finelite, Inc. won in the portable desk/task and undercabinet lighting categories. Progress Lighting, from South Carolina, won in the outdoor category with its Strata outdoor wall lantern. For more details or purchasing information on the winning products, visit [www.lightingfortomorrow.com](http://www.lightingfortomorrow.com).



The LR6 downlight by LED Lighting Fixtures received the 2007 grand prize.



**U.S. Department of Energy  
Energy Efficiency and Renewable Energy**

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## **Lighting for Tomorrow 2008**

The 2008 Lighting for Tomorrow competition was launched at the Dallas Lighting Market in January 2008. Included this year is a new “Future LED” category that calls for use of the world’s most energy-efficient white LED devices. The 2008 competition categories include:

- **Near-term applications:** Undercabinet, portable desk/task, downlights, and outdoor porch/path/step lighting capable of meeting ENERGY STAR® criteria for solid-state lighting, Category A
- **Other applications:** Additional fixture types including wall sconces, table/floor lamps, pendants, and chandeliers, among others
- **Future LED showcase:** Fixtures that use the most energy-efficient, pre-production LED devices

## **Judging Criteria**

Designs are evaluated on the basis of potential market impact, innovation, and functionality. Specifically in the LED category, judging criteria include lighting quality (color appearance, color rendering, illuminance levels, and distribution), application efficiency, thermal management, and aesthetic appearance.

Bonus points will be given for innovative designs that take advantage of unique LED attributes, fixtures eliminating off-state power consumption, indoor entries capable of dimming, and outdoor entries that are dark-sky friendly. Lighting for Tomorrow judges are drawn from across the lighting industry, creating a diverse panel of experts who sell, design, evaluate, and write about residential lighting design.

## **Timeline**

The deadline for entries in the 2008 competition is April 30. Winners will be announced in September at the ALA Annual Conference in Washington, D.C. Winners gain further visibility and recognition as they are showcased at DOE and industry events, and in various publications. They also become eligible for promotion by energy efficiency programs across the U.S. and Canada.

For complete guidelines and rules for the 2008 competition, see [www.lightingfortomorrow.com](http://www.lightingfortomorrow.com).

## **2008 Timeline**

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- January 2008: **Competition Announced**
- February 29, 2008: **Intent to Submit Forms Due**
- April 30, 2008: **Entries Due**
- May 2008: **Judging**
- September 14-16, 2008: **Winners Announced at ALA Annual Conference**

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### **For More Information**

Web: <http://www.lightingfortomorrow.com>

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